Conference Program: Fc Receptors: Genes, Signalling, and Function

Saxtons River, Vermont, July 31-August 5

Chair -- Jay Unkeless
Vice-Chair -- Junji Yodoi

The program is a provisional one. All the participants, with the exception of those marked with an * have agreed to attend. Some of the speakers have indicated that they might wish to change the titles at a later date.

Session 1: *Signalling, part 1*

Chairs: Henry Metzger, National Institutes of Health
Alan Schreiber, University of Pennsylvania

Speakers: Henry Metzger, National Institutes of Health
Studies of FcεRI in broken cell preparations

Barbara Baird, Cornell University
Biophysical and biochemical studies of FcεRI Signalling

Art Wiess, University of California, San Francisco
Tyrosine kinases and receptor activation

Alan Schreiber, University of Pennsylvania
FcγR signalling and tyrosine phosphorylation

Session 2: *Signalling, part II*

Chairs: Jean-Pierre Kinet, National Institutes of Health
Jay Unkeless, Mount Sinai School of Medicine, NY

Speakers: Jean-Pierre Kinet, National Institutes of Health
The apparent paradox between simple signalling motifs and large multimeric complexes

Sue Goo Rhee, National Institutes of Health
Activation of the different isoforms of phospholipase C

Joseph Bolen, National Cancer Institute
The kinases of the src family

Joseph Schlessinger, New York University
The role of SH2 domains in signalling

Source: https://www.industrydocuments.ucsf.edu/docs/glmv0000

Session 3: *T cell and B cell receptors for antigen*

Chairs: John Cambier, University of Colorado
Richard Klaussner,

Speakers: John Cambier, University of Colorado
Tyrosine-containing tranducer motifs in antigen and Fc receptors

Andre Nel, UCLA
The role of MAP kinases in antigen receptor mediated T cell activation

*Solomon Snyder, Johns Hopkins University School of Medicine
The plasma membrane receptors for IP3 and their association with antigen receptors

Dorothy Cantrell, Imperial Cancer Research Fund, London
The role of large and small molecular weight G protein in T cell receptor-mediated signal transduction

Session 4: *Poster Session*

Chairs: Bice Perussia, Thomas Jefferson Medical School, Philadelphia
Dan Conrad, Medical School of Virginia

Speakers: To be chosen from the submitted poster presenters by the Chairs of the session

Session 5: *Receptors for IgA, IgM, and IgD*

Chairs: Li Shen, Dartmouth Medical School, Hanover, NH
Max Cooper, University of Alabama School of Medicine

Speakers: Li Shen, Dartmouth Medical School
IgA Fc receptors

*Michael Kerr, University of Dundee, Scotland
Consequences of ligation of IgA Fc receptors

Hiromi Kubagawa, Univeristy of Alabama
IgM Fc Receptors

Jeanette Thorbecke, New York University School of Medicine, NYC
The role of IgD receptors in the immune response

Source: https://www.industrydocuments.ucsf.edu/docs/glmv0000

Session 6: *FcεRII (CD23) Structure and Function*

Chairs: Junji Yodoi, Kyoto University, Kyoto, Japan
Guy Delespesse, University of Montreal

Speakers: Marie Sarfati, University of Montreal
The multifunctional CD23 molecule

Jean-Yves Bonnefoy, Glaxo Institute of Molecular Biology
CD21 is a receptor for CD23

Richard Lynch, University of Ohio Medical School
The diversity of CD23 expression of lymphocytic subsets

Junji Yodoi, Kyoto
Redox regulation and phosphorylation of FcεRII (CD23)

Session 7: *Fc receptors for IgG*

Chairs: Mark Hogarth, University of Melbourne, Australia
Ira Mellman, Yale Medical School

Speakers: Edmundson, University of Arizona, Tuscon
Structural domains of IgG1 in Fc mediated internalization

Mark Hogarth, University of Melbourne
Functional mapping of FcγR-ligand interactionss

Ira Mellman, Yale School of Medicine
Dissection of FcγRII functional domains

Jay Unkeless, Mount Sinai School of Medicine, New York
Human FcγRIIA signalling

Session 8: *FcR gene regulation, chromosomal organization, and evolution*

Chairs: Jeffrey Ravetch, Memorial Sloan Kettering Cancer Center, NYC
Duane Sears, University of California, Santa Barbara

Speakers: Jeffrey Ravetch, Memorial Sloan Kettering Cancer Center
Structure and regulation of FcγR

Richard Maki, La Jolla Institute for Cancer Research
PU.1 in macrophage-specific expression

Source: https://www.industrydocuments.ucsf.edu/docs/glmv0000

Jim Darnell, Rockefeller University
Mechanism of γ-IFN- induced expression

Duane Sears, University of California, Santa Barbara
Function of rat CD16 isoforms

Session 9: *FcγR and disease*

Chairs: Wolf Fridman, Institute Curie, Paris
Monique Capron, Pasteur Institute

Speakers: Monique Capron, Pasteur Institute
FγRII and parasite immunity

Wolf Fridman, Institute Curie
FγR and B cell pathology

A.E. von dem Borne, Central Laboratory of
the Netherlands Red Cross
Pathology of FγR mutations

Louis Wiener, Fox Chase Cancer Center
Use of a bispecific FγRIII/erb-b monoclonal antibody to direct NK cytotoxicity for treatment of breast cancer

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